

DoD Corrosion Prevention and Control

Introducing Products to DoD Using Specifications and Standards

**2011 Air Force Corrosion Conference
Robins AFB, GA (18 Aug 2011)**

Robert A. Herron
US Army RDE Command
Redstone Arsenal, AL

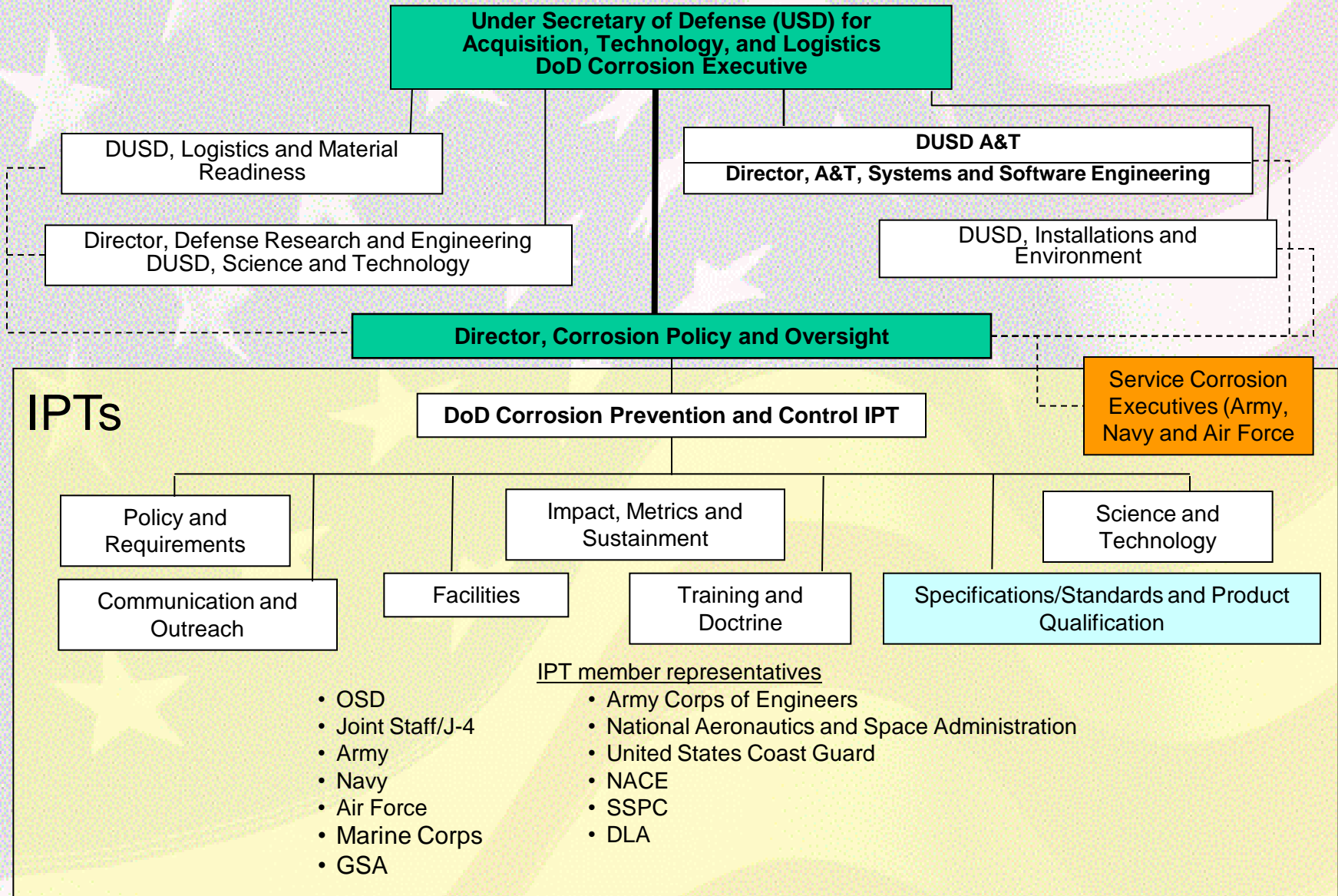


Report Documentation Page				Form Approved OMB No. 0704-0188	
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Presentation Outline

- SSQP Background/Introduction
- SSQP Phases I:
 - Product Introduction Resources
- SSQP Phases II:
 - Product Introduction for Existing Specifications and Standards
- SSQP Phase III:
 - Product Introduction Process for New Products or Applications Not Covered by Existing Specifications
- Product Authorization
- Questions?

DoD Corrosion Organization



Specification, Standards, and Qualification Process WIPT

- Establish, refine, and develop a process for implementing a standardized, streamlined, and significantly improved method of assessing and introducing new technologies and products.
 - Provide SSQP information and processes via the DoD information and data exchange website.
 - Improve inter-service standardization, communication, and coordination.
 - Facilitate product introduction process for manufacturer's
- How Does DoD Define Products?

Defense Standardization Program (DSP)

DoD 4120.24M – Goals:

- **To Improve Military Operational Readiness**
 - Interoperability of Systems, Logistics, Reliability, Maintainability, Safety, Modernization and Quality
- **Reduce Total Ownership Cost**
 - Reduction of Nonstandard materials, Processes and Components, Common Processes, Increased Competition, and Reduced Training
- **Reduce Recycle Time**
 - Standardized Items, Identify Interchangeability for New Technologies, etc.

DoD 4120.24M – Functions:

- Establishes the Qualification Program
- Defines How Products are Specified

www.dsp.dla.mil

How Products are covered under DSP

- **Formal Qualification (Qualified Products List/Database) (SD-6) – *Transitioning to Qualified Products Database***
 - Performance (PRF) or Detail (DTL) Specification
 - In General, Most Specifications do not have Qualified Products Lists (QPL)
- **Non Government Standard (NGS) (SD-9)**
 - Can be Adopted if Technically Adequate for DoD Needs
 - In General, Most NGS do not have an associated QPL
- **Commercial Item Description(CID) (SD-2, SD-5)**
 - For Existing Suitable Commercial Products where an appropriate NGS Does Not Exist
 - Not Used to Encourage Development of Product (no QPL Testing)
- **Non Developmental Item (NDI) (FAR, SD-2)**
- **First Article Inspection (Acceptance Testing) (FAR)**
- **Purchase Description (SD-2, SD-5)**
 - When preparation and maintenance of a specification is not cost effective
 - For small dollar purchases under \$25,000
 - For one-time buys

Policy

Defense Standardization Program (DSP)

Policies and Procedures



March 2000

**Office of the Under Secretary of Defense
(Acquisition, Technology, and Logistics)**

Document provided by DHS Licensee Naval Air Warfare Center/900015100, User: 01/13/2003 07:59:11 MST Questions or comments about this message: please call the Document Policy Management Group at 1-800-451-1554.

Provisions



SD-6

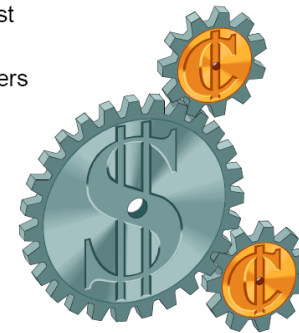
Provisions Governing Qualification

Qualified Products List
And
Qualified Manufacturers
Lists

**Defense
Standardization
Program Office**

August 1999

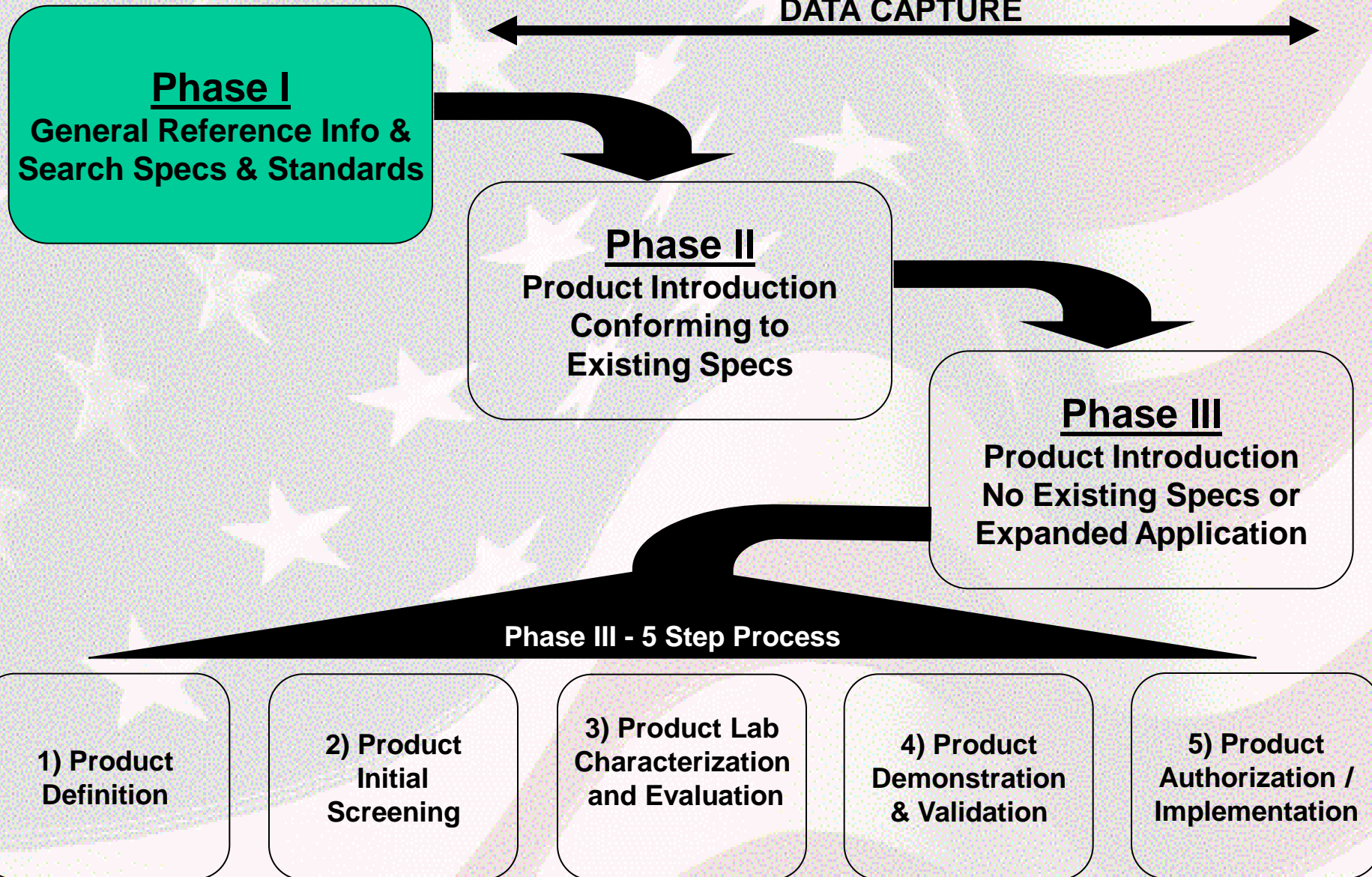
SDMP



DoD Product Introduction Process

- **The SSQP WIPT identified 3 Phases to standardize and facilitate the DoD product introduction process:**
 - **Phase I:**
 - Establish a single point source of information on product introduction and populate with SSQP information and resources
 - Identify, categories, and assess pertinent corrosion specifications
 - **Phase II:**
 - Develop a resource to explain the current production introduction paths for products covered by existing specifications or standards.
 - **Phase III:**
 - Develop / Define a product evaluation process to facilitate the introduction of new products or product applications that are not covered by existing specifications or standards (5 Step Process).

Product Introduction Process Flow Diagram



www.CorrDefense.org

Home - CorrDefense - Windows Internet Explorer

belkin 670W

Home - CorrDefense

Home Members Reference Library Societies & Associations Other Corrosion Websites WIPTs & Working Groups Search

Director's Corner

- Corrosion – A Persistent Battle
- Why DoD Must Protect its Assets
- The Mission of the DoD Corrosion Office
- Corrosion Prevention and Control Podcast #1

What This Web Site Offers

- Welcome to CorrDefense
- A Networking Tool
- Round the Clock Collaboration
- Content Open to the General Public
- Exclusive Benefits for Members

CorrDefense eMagazine

CorrDefense Fall 2008 Issue

[Previous Issues](#)

[Current Issue](#)

Spotlight

Type	Title
	Corrosion - The Pervasive Menace Trailer
	DoDI 5000.67
	Masters of Corrosion Trailer
	NRC Assessment of Corrosion Education (new!)

Resources

- 10 U.S.C. 2228
- 10 U.S.C. 2228 as revised by 2008 NDAA
- DODD 4151.18
- DODD 5000.1
- DODI 5000.2
- DFARS 207.105(b)(13)(ii)
- CPC Policy Memorandum
- CPC Planning Guidebook Spiral #3
- CPC: A Program Management Guide for Selecting Materials
- Report to Congress
- DoD Corrosion Prevention and Mitigation Strategic Plan
- Cost of Corrosion Reports
- AT&L Knowledge Sharing
- Training Opportunities

Product Introduction

Learn more about processes for introducing your corrosion prevention and maintenance technologies.

Name

[Product Introduction Resources Video](#)

News & Events

Upcoming Corrosion Conferences 2/24/2009 2:26 PM by wingrovee
Click on the attachment for a listing of upcoming corrosion conferences.

DoD Releases Funding for Coatings Training 12/18/2008 2:11 PM by wingrovee
SSPC subcontract provides \$250,000 for government personnel to take coatings training courses through SSPC. Click here for more information: <http://www.sspc.org/news/dodfunding2008.html>

Important info about Corrosion Forum XX 12/18/2008 8:11 AM by wingrovee
Corrosion Forum XX will be held in Atlanta on March 23-25, 2009 in conjunction with the NACE Corrosion 2009 Conference and Exposition. Click on the attachment for more details.

1 - 3

Done

Internet | Protected Mode: On 100%

Product Introduction Home Page

Product Introduction Home Page

Product Introduction - CorrDefense - Windows Internet Explorer

belkin 670W

My PIF Product Introduction - ... X

Home Members Reference Library Societies & Associations Other Corrosion Websites WIPTs & Working Groups Search

DLA: Doing Business with the Defense Logistics Agency- DLA provides supplies and services to DoD as well as training for small businesses.

DoD: Doing Business with the Department of Defense- DefenseLink offers a list of references to assist vendors to do business with the US Department of Defense.

GSA: How to Sell to the Government- US General Services Administration (GSA) is the federal government's business manager, buyer, real estate developer, telecommunications manager, and IT solutions provider.

Specs & Standards Search Tool

Search/review Corrosion Prevention and Control (CPC) Specifications and Standards used by the DoD.

Frequently Asked Questions

Training Videos

Name

Specs and Standards Search Demo

Product Introduction Process

Product Introduction Process

This DoD web-based Product Introduction Process (PIP) is designed to assist suppliers in matching their product(s) to specifications and standards currently used by the DoD for corrosion prevention and control (CPC) and to facilitate the introduction of these CPC products to DoD agencies. Once you have identified the applicable specification(s) that matches your product, the appropriate steps to proceed forward for that type of specification will be provided (Qualified Products List, Non-Government Standards, Purchase Description, etc.). For example, for specifications with formal qualification, you will need to submit a formal request for testing to the appropriate cognizant Agency Point of Contact.

Registration to CorrDefense is required to access this feature of the site which includes: saving of specification searches for later use and submitting information to the DoD for consideration or potential use of products. Information submitted in the Product Information Form (PIF) is considered proprietary and is only available to the submitter and DoD personnel. This website employs government security standards (.gov) to protect data and prevent the unauthorized download or changing of information.

NOTE: This Product Introduction Process is not designed as a marketing tool. The web based process does not qualify your product to any specification or standard nor does it guarantee procurement of your product by any DoD agency.

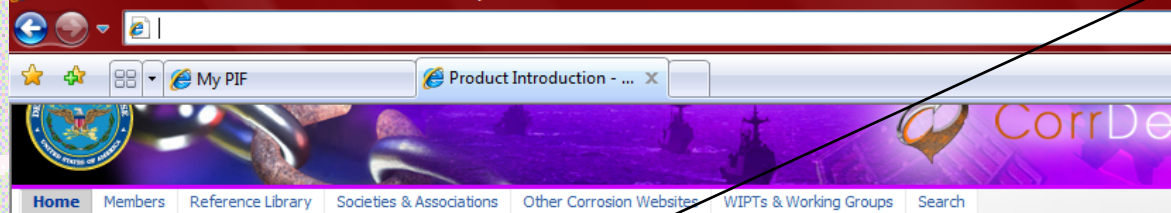
Access Product Information Form(s)

* Users with pop-up blockers enabled should hold the Ctrl key while clicking on the Product Information Access button until a second window or tab opens with the Product Information Forum.

Done Internet | Protected Mode: On 100%

Phase I Info on Selling Products to DoD

Product Introduction - CorrDefense - Windows Internet Explorer



DLA: Doing Business with the Defense Logistics Agency—DLA provides supplies and services to DoD as well as training for small businesses.

DoD: Doing Business with the Department of Defense—DefenseLink offers a list of references to assist vendors to do business with the US Department of Defense.

GSA: How to Sell to the Government—US General Services Administration (GSA) is the federal government's business manager, buyer, real estate developer, telecommunications manager, and IT solutions provider.

Product Introduction Process

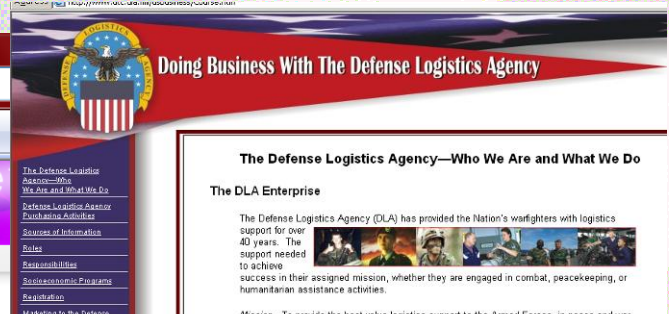
This DoD web-based Product Introduction Process (PIP) is designed to assist suppliers in matching their products to the control (CPC) and to facilitate the introduction of these CPC products to DoD agencies. Once you have submitted a request for that type of specification will be provided (Qualified Products List, Non-Government Standard, etc.) to submit a formal request for testing to the appropriate cognizant Agency Point of Contact.

Registration to CorrDefense is required to access this feature of the site which includes: saving of specification searches for later use and submitting products. Information submitted in the Product Information Form (PIF) is considered proprietary and is only available to the submitter and DoD (.gov) to protect data and prevent the unauthorized download or changing of information.

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Access Product Information Form(s)

* Users with pop-up blockers enabled should hold the Ctrl key while clicking on the Product Information Access button until a second window



Address http://www.defenselink.mil/other_info/business.html



Doing Business with the Department of Defense

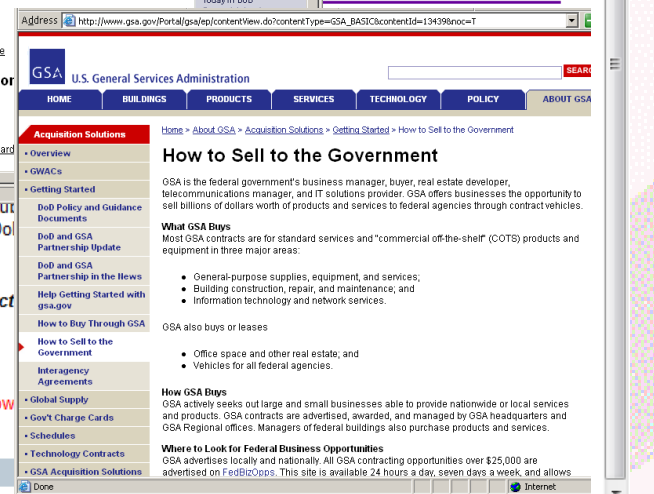
- Guide to DoD Contracting Opportunities ("A Step-by-Step Approach to the DoD Marketplace")
- Central Contractor Registration
- Central Contractor Registration Handbook
- Defense Reutilization and Marketing Service
- Joint Electronic Commerce Program Office
- Major Contract Announcements
- The Commerce Business Daily

Office of the Secretary of Defense

- Defense Acquisition Deskbook
- Defense Procurement
- Electronic Commerce Office
- Small and Disadvantaged Business Utilization Office

Specifications and Standards Information

- Air Force
- Army
- Defense Standardization Program
- DoD Single Stock Point for Specification and Standard
- Navy



Phase I Specs & Standards Search Tool

Product Introduction - CorrDefense - Windows Internet Explorer

Search bar: belkin 670W

Navigation: Home | Members | Reference Library | Societies & Associations | Other Corrosion Websites | WIPTs & Working Groups | Search

DLA: Doing Business with the Defense Logistics Agency- DLA provides supplies and services to DoD as well as training for small businesses.

DoD: Doing Business with the Department of Defense- DefenseLink offers a list of references to assist vendors to do business with the US Department of Defense.

GSA: How to Sell to the Government- US General Services Administration (GSA) is the federal government's business manager, buyer, real estate developer, telecommunications manager, and IT solutions provider.

Specs & Standards Search Tool
Search/review Corrosion Prevention and Control (CPC) Specifications and Standards used by the DoD.

Frequently Asked Questions

Training Videos

Name
Specs and Standards Search Demo
Product Introduction Process

Product Introduction Process

This DoD web-based Product Introduction Process (PIP) is designed to assist suppliers in matching their product(s) to specifications and standards currently used by the DoD for corrosion prevention and control.

Specifications and Standards Search Tool
Specifications & Standards Database includes more than 800 Corrosion Prevention and Control (CPC) Products used by the Department of Defense.

Done | Internet | Protected Mode: On | 100%

Spec Categories & Sub-Categories

CorrDefense - Specs and Standards Search Tool

Doc ID/Number:

Doc Title/Keywords:

Category:

Sub Category:*

Surface Treatments Finish
Inorganic Coatings
Primers
Miscellaneous Processes
Grease and Lubricants
Adhesives
Cleaners Solvents Strippers
TopCoats & Coating Systems
Miscellaneous Products
CPC Inhibitors
Sealants

Results per page:

* To select multiple or deselect hold control and click

Reset

Search

[Advanced Search](#)

Category:

Sub Category:*

Sealants

Aviation Applications General
Aviation Fuel Tank Applications
Facilities Caulks and Sealants
Facilities Preservatives
Miscellaneous
Ordnance Applications
Ship Applications
Silicone Adhesive Sealants
Thread Sealing Compounds

Technical Categories let suppliers narrow down applicable specs from over 800 corrosion related specifications and standards maintained in the database

Search Specs & Standards Tool (Advanced Search)

Preparing Activity:*

AFMC LSO - (Battle Creek)
Air Force Aeronautical Systems Center
Air Force International Standards Office
Air Force Petroleum Office
Air Force Warner Robins Logistics Center
AMCOM
Army - Corps of Engineers
Army Research Lab
Army Soldier Systems Center
CECOM

Type:

-- Please Select --

Sub Type:*

Status:

☐ Active ☐ Canceled ☐ Inactive

User Category:

-- Please Select --

Sub User Category:*

Results per page:

10

* To select multiple or deselect hold control and click

Reset

Search

[Basic Search](#)

Search By:

- Preparing Activity
- Type:
(Mil/Fed or NGS)
- Sub-Type:
1st Article
QPL
CID
Other
- Status
- User & Sub-User

Results can be:

- Displayed in multiple ways (10, 25, or 50 per page or all).
- Exported to Excel
- Printed (w/ Search Criteria)

Search Results

Hot Linked

CorrDefense

[Show Search Criteria](#)

Your Search returned **10** results.

Document ID	Document Title
A-A-59295	CORROSION PREVENTIVE COMPOUND (FOR NEW AND FIELDIED MOTOR VEH
MIL-PRF-46002	PRESERVATIVE OIL, CONTACT AND V INHIBITED
MIL-C-11796	CORROSION PREVENTIVE COMPOUND APPLICATION
MIL-C-15074	CORROSION PREVENTIVE, FINGERPR
MIL-C-40084	CORROSION PREVENTIVE COMPOUND OIL TYPE
MIL-PRF-81309	CORROSION PREVENTIVE COMPOUND ULTRA-THIN FILM
MIL-DTL-85054	CORROSION PREVENTIVE COMPOUND
MIL-L-87177	LUBRICANTS, CORROSION PREVENTY DISPLACING, SYNTHETIC
MIL-P-24138	PASSIVATOR COMPOUND, NAVY BOIL
MIL-PRF-16173	CORROSION PREVENTIVE COMPOUND COLD-APPLICATION

ASSIST - Enterprise Access - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print W Links

Address http://assist.daps.dla.mil/eAccess/index.cfm?ident_number=11668&dt=02272007144437&p_key= Go

ASSIST - Enterprise Access

eAccess Revision History

Document ID: MIL-PRF-16173E

Title: CORROSION PREVENTIVE COMPOUND, SOLVENT CUTBACK, COLD-APPLICATION

Scope: This specification covers solvent-dispersed corrosion preventive compounds that deposit thin, easily removable films after evaporation of solvent.

Doc Date: January 06, 1993




FSC/Area: 8030 - PRSRVTV & SEALING COMPOUNDS

Prep Acty: SH - Naval Sea Systems Command (Ship Systems)

Document Status: Active

Amendments to military specifications or specification sheets issued after August 1, 2003, are no longer published as stand-alone documents, but are incorporated in the modified document.

Click on column headings for a description of column content.

Media	Document Part Description	Document Date	Pages	Size
	Revision E	06-JAN-1993	40	3524.7 KB
	Revision D Amendment 2	19-NOV-1968	6	172.2 KB
	Revision D	20-OCT-1966	28	1755.5 KB

Please note that digital document images are available in Portable Document Format (PDF) and accessing them requires [Adobe Reader](#).

[New Search](#)

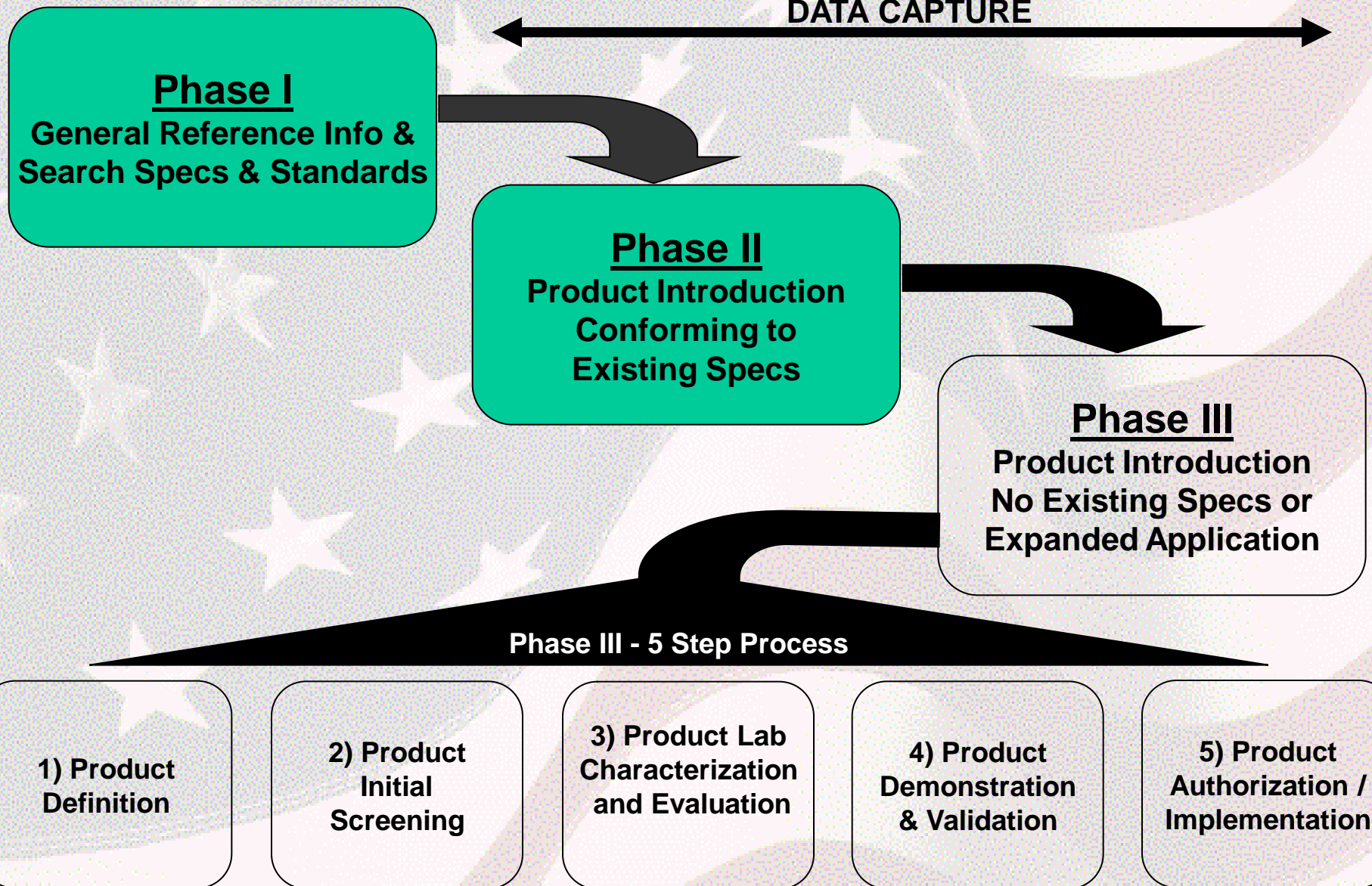
[Refine Search](#)

[Print Preview All Results](#)

[Print Current Page](#)

[Export to Excel](#)

Product Introduction Process Flow Diagram



Phase II Production Introduction Process

The screenshot shows the CorrDefense website in a Windows Internet Explorer browser window. The address bar shows 'belkin 670W'. The website has a purple header with the CorrDefense logo and a navigation menu with links: Home, Members, Reference Library, Societies & Associations, Other Corrosion Websites, WIPTs & Working Groups, and Search.

On the left side, there are three links with descriptions:

- DLA: Doing Business with the Defense Logistics Agency-** DLA provides supplies and services to DoD as well as training for small businesses.
- DoD: Doing Business with the Department of Defense-** DefenseLink offers a list of references to assist vendors to do business with the US Department of Defense.
- GSA: How to Sell to the Government-** US General Services Administration (GSA) is the federal government's business manager, buyer, real estate developer, telecommunications manager, and IT solutions provider.

In the center, there is a section titled **Specs & Standards Search Tool** with the text: "Search/review Corrosion Prevention and Control (CPC) Specifications and Standards used by the DoD."

On the right, there is a section titled **Frequently Asked Questions** and a sub-section titled **Training Videos** with a table:

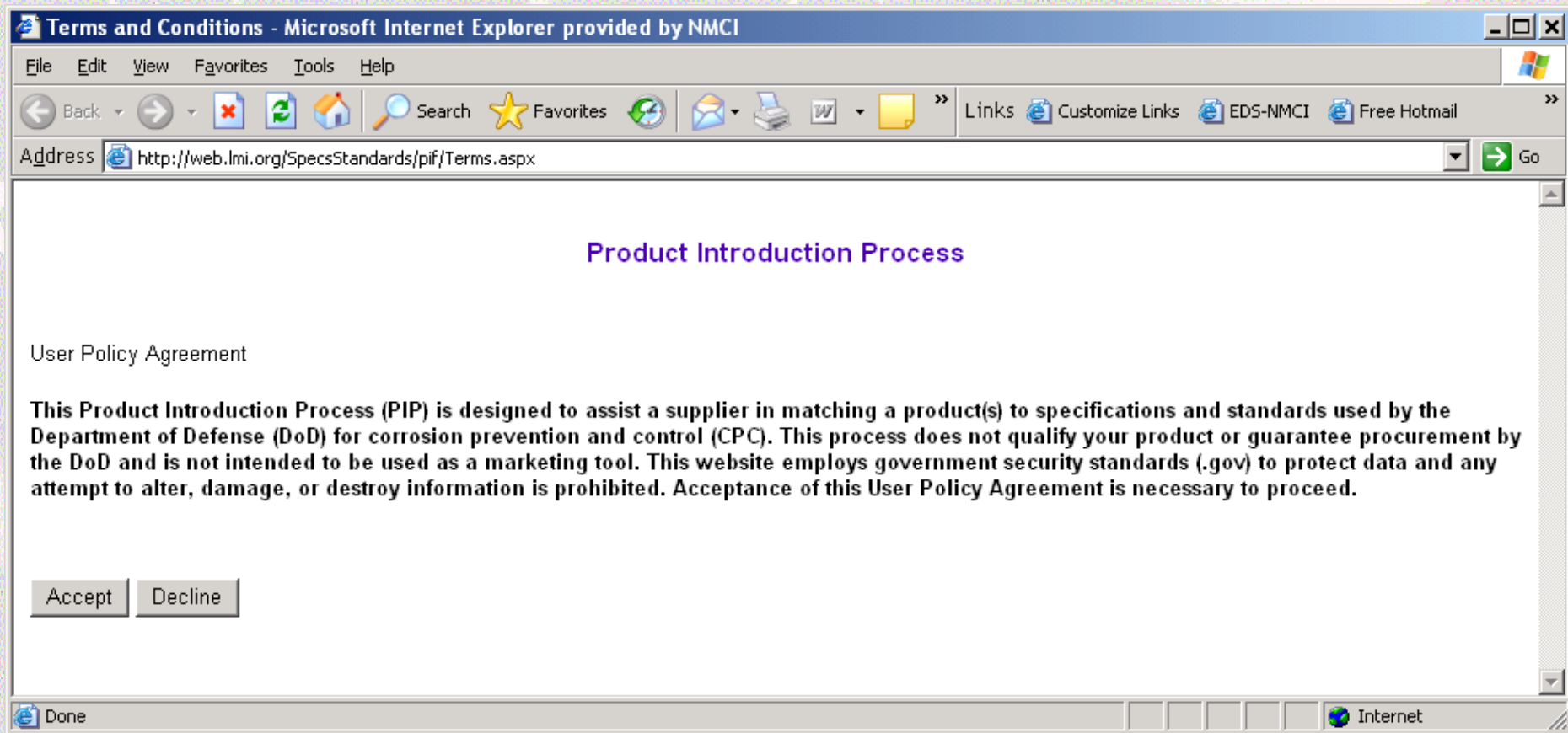
Name
Specs and Standards Search Demo
Product Introduction Process

Below these sections is the **Product Introduction Process** section. It contains a paragraph explaining the PIP, a paragraph about registration, and a **NOTE** stating that the process is not a marketing tool. At the bottom of this section is a link: [Access Product Information Form\(s\)](#). A callout bubble points to this link with the text: "* Users with pop-up blockers enabled should hold the Ctrl key while clicking on the Product Information Access button until a second window or tab opens with the Product Information Forum."

The browser status bar at the bottom shows "Done", "Internet | Protected Mode: On", and "100%".

Product Introduction Entry Point

Product Introduction Process Disclaimer



The user must accept the User Policy Agreement during each session until a single PIF status is marked COMPLETED in order to utilize the Product Introduction Tool.

Phase II Flow Overview

Start PIF - Microsoft Internet Explorer provided by NMCI

Address: <http://web.lmi.org/SpecsStandards/PIF/startpif.aspx?pfid=424>

Performance Characteristics and Product Information

* = Required

Version Number: 2377.0

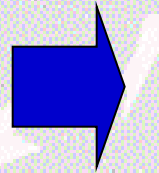
* Product ID: 11.14.2007

* Product Name: Product Demo

* Complete Product Description:

This product provides a temporary corrosion protection. The product can be applied by spraying, brushing, or dipping.

Reset Form Save & Quit Save & Next Quit PIF



Find Standard - Microsoft Internet Explorer provided by NMCI

Address: <http://web.lmi.org/SpecsStandards/pf/search.aspx?edit=&pfid=424>

Identify Categories/Subcategories

Identify the category/subcategory that most closely covers your technology/product. To select/deselect multiple entries hold control and click.

Select Category

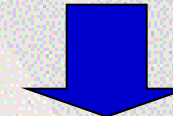
- Surface Treatments Finish
- Inorganic Coatings
- Primers
- Miscellaneous Processes
- Grease and Lubricants
- Adhesives
- Cleaners Solvents Strippers
- TopCoats & Coating Systems
- Miscellaneous Products
- CPC Inhibitors**
- Sealants

Select Sub Category

- CPC Inhibitors -- Corrosion Inhibitors
- CPC Inhibitors -- Corrosion Preventive Compounds
- CPC Inhibitors -- Packaging/Miscellaneous

Show Select Category Definitions Show Select Sub Category Definitions

Hide Category and Sub-Category Listing



PIF Path Forward - Microsoft Internet Explorer provided by NMCI

Address: <http://web.lmi.org/SpecsStandards/pf/PathForward.aspx?pfid=424>

Complete Product Description: This product provides a temporary corrosion protection. The product can be applied by spraying, brushing, or dipping.

Click Here for a listing of Preparing Activity Definitions.

Military/Federal - 1st Article Inspection

Click Here For Path Forward

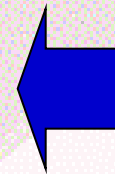
Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-DTL-85054	CORROSION PREVENTIVE COMPOUND, CLEAR (AMLGUARD)	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Military/Federal - Qualified Products List (QPL)

Click Here For Path Forward

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-PRF-81309	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More

If your product meets all of the requirements as noted in section 3 of the applicable specification(s)/standard(s) then select the applicable Path Forward for more information on introducing your product into DoD by that specification.



Find Standard - Microsoft Internet Explorer provided by NMCI

Address: <http://web.lmi.org/SpecsStandards/pf/search.aspx?edit=&pfid=424>

Select Applicable Specification(s) or Standard(s)

Review the specifications within this category or sub-category and select for the specifications that best match your product characteristics.

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
Add MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More
Add MIL-P-24138	PASSIVATOR COMPOUND, NAVY BOILER	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More
Add MIL-PRF-16173	CORROSION PREVENTIVE COMPOUND, SOLVENT CUTBACK, COLD-APPLICATION	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More

1 2

Review selected Specification(s) or Standard(s)

Review the selected Specification(s)/Standard(s) and remove those that are not applicable.

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
Remove MIL-PRF-81309	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
Remove MIL-DTL-85054	CORROSION PREVENTIVE COMPOUND, CLEAR (AMLGUARD)	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
Remove MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Reset Form Save & Quit Save & Next Quit PIF

Completed PIF Example

Version Number: 1556.6
 Product ID: 123 CPC
 Product Name: Corrosion Preventive Compound
 Complete Product Description: Corrosion Preventive Compound for general use

Technical Point of Contact
 Name: Robert Harmon
 Email: robert.a.harmon@us.army.mil
 Phone: 256-975-5061
 Company Name: Department of the Army
 Address: DEPARTMENT OF THE ARMY US ARMY RESEARCH, DEVELOPMENT, AND ENGINEERING COMMAND AVIATION AND MISSILE RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER
 City: REDSTONE ARSENAL
 State: AL
 Zip Code: 35898-5000
 Country: US

[Click Here for a listing of Preparing Activity Definitions.](#)

Military/Federal - 1st Article Inspection

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-C-82504	CORROSION PREVENTIVE COMPOUND AND SURFACE SEALER FOR NONFERROUS METALS	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA-Ord	More
MIL-L-57177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Military/Federal - Qualified Products List (QPL)

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-PRF-81300	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
MIL-PRF-16173	CORROSION PREVENTIVE COMPOUND, SOLVENT OUTBACK, COLD APPLICATION	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More

Military/Federal - Commercial Item Description (CID)

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
A-A-50295	CORROSION PREVENTIVE COMPOUNDS, COLD APPLICATION (FOR NEW AND FIELDED MOTOR VEHICLES AND TRAILERS)	CPC Inhibitors - Corrosion Preventive Compounds	TACOM	More

[Close](#) [Print](#)

MIL/FED-Spec/Std Qualified Products List (QPL) Path Forward

You have selected a standard or specification that has a Qualified Products List.

I. The following information is provided to facilitate the introduction of your product.

A. For an overview of the Defense Standardization Program (DSP) and how products are specified, please click the following link.

[DSP Overview Brief](#)

B. To review the documents that outline the DSP, and the program and provisions for the qualification process, please click the following links:

[DoD 4130.24-M](#)

http://www.dsp.dla.mil/APP_CONTENT/documents/4130.24-M/default.htm

Enter Document ID "SD-20" in the [ASSIST Quick Search](#)

<http://assist.dsp.dla.mil/quicksearch>

Enter Document ID "SD-6" in the [ASSIST Quick Search](#)

<http://assist.dsp.dla.mil/quicksearch>

C. For a specific description of the QPL process, please click the following link.

[QPL Process Brief](#)

II. The following instructions are provided to pursue the qualification of your product.

A. Once you have reviewed the information about qualification and determined the specific Specification, Type, Class, etc. that applies to your product, contact the designated qualifying activity.

B. The qualifying activity name and contact information for this standard or specification can be found in Section 5.X of the document.

C. Follow the qualification process as outlined in IC until all steps have been completed.

D. For information on selling products to the government for legacy procurements under an inactive document, please use the information provided below in Section III.

NOTE: Specifications/Standards that are in inactive status cannot be used for new acquisitions.

E. If the specification you have been directed to has been canceled, you should go to the document file in Assist and review the cancellation notice. This notice may provide information such as the most current documents that have replaced this specification (if applicable).

III. The following information is provided to sell qualified products to the government.

A. For instructions on selling products to the government, please click the following links.

[DLA](#)

<http://www.dla.dla.mil/33Business/Course.htm>

[GSA](#)

http://www.gsa.gov/Portal/portal/content?view=doContent&type=GSA_BASIC&contentid=13459&noc=T

B. For information on the DOD acquisition process, please click the following link.

[ACQWEB](#)

<http://www.acqod.mil>

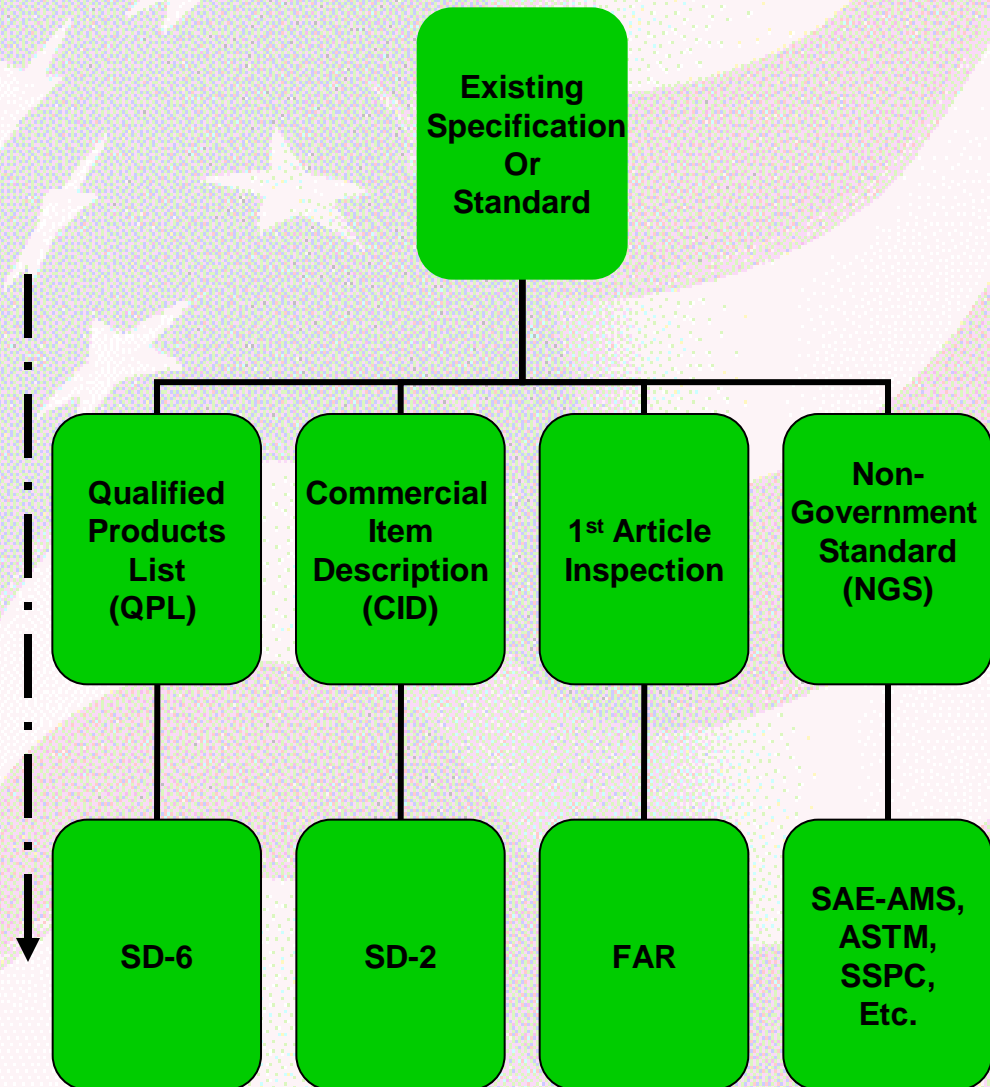
C. For an explanation of the difference between qualification and authorization/implementation, please click the following link.

[Authorization Brief \(Qualified Products List\)](#)

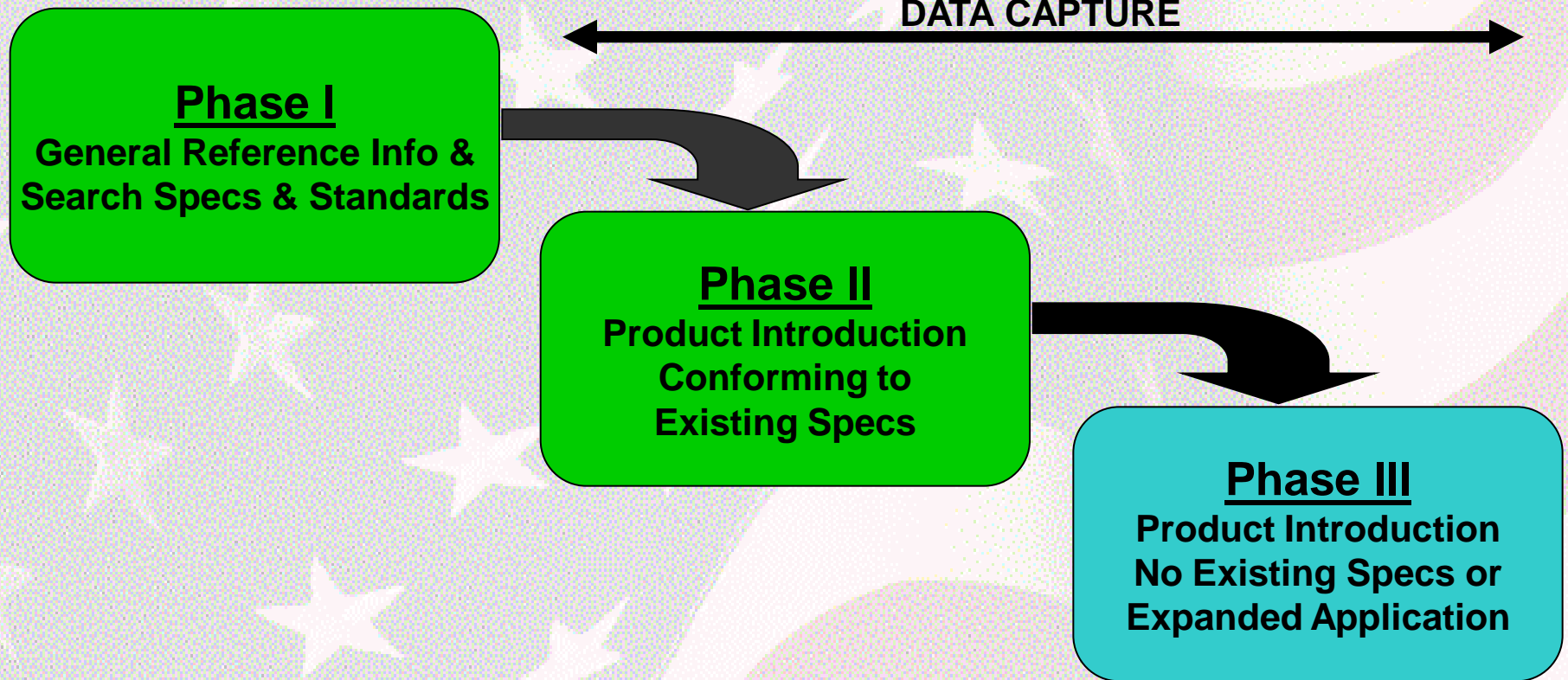
Product Introduction Process

1. Does the product meet the requirements of an existing specification? (YES or NO)
2. If YES, then what is the product introduction path applicable to the specification?
3. If NO, then what is the product introduction path?

Phase III



Product Introduction Process Flow Diagram



SSQP PHASE III Flow Diagram

Phase III
Product Introduction
No Existing Specs or
Expanded Application

Phase III - 5 Step Process

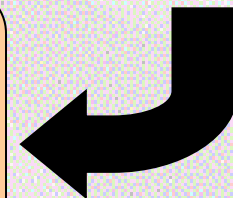
**1) Product
Definition**



**2) Product
Initial
Screening**



**3) Product Lab
Characterization
and Evaluation**



**4) Product
Demonstration
& Validation**



**5) Product
Authorization /
Implementation**

Each area of Product information needs to be filled out (enter data/text, attach document or check spelling)

What is/are the intended application(s) of the product?

Enter Text/Data

Describe the benefits of this technology over existing technologies and processes

Select Radio button

3. Product/Technology Level of Maturity *

- ☒ In Production - Time on Market (Years/Months):
- ☐ In Development - Which of the following best describes the development level of your product/technology?
- ☐ The product/technology has been validated in a laboratory environment
 - ☐ A product/technology prototype has been demonstrated in an operational environment
 - ☐ The product/technology has been validated/implemented in a relevant operational environment

Provide any additional product maturity information and product quantity availability:

Spell Check for data field

Initial mandatory information to be evaluated

4. Product/Technology Test Information *

Provide Manufacturer's test results for the product:

Has any third party testing been performed by a government or agency certified laboratory?

☒ No ☐ Yes - provide results:

5. Product/Technology Sample Information *

Are product samples available for screening or analysis?

☒ No ☐ Yes

If No, when will samples be available? If Yes, in what quantities and packaging are samples available?

6. Product/Technology Cost Drivers *

Describe any additional cost drivers (e.g., equipment, process changes) required for the use of the product:

7. Environmental Safety Information *

Are Material Safety Data Sheets (MSDS) available for the product?

☒ No ☐ Yes

Have any Toxicity Studies been performed on the product?

☒ No ☐ Yes

Provide any additional environmental safety information:

Relevant Federal, State, or Local laws, etc. (ex: National Emission Standards for Hazardous Air Pollutants).

Details (if no information available, enter "none").

Step 3 Info

Phase III: Step 1 Product Definition

- **Supplier Submits Additional Product Information**
- **Updated PIF Sent out to Agency Subject Matter Experts (SMEs) for Particular Technology Area**
- **SME's Review PIF and Make Initial Determination of Interest/Requirement for New Product/Technology**
- **Supplier Notified of Agency Determinations:**
 - **More information is needed to make initial assessment**
 - **Product/Technology is covered by an existing spec**
 - **There isn't a requirement for the particular product/technology**
 - **There is agency interest in proceeding to Product Screening**

Phase III: Step 2 Product Screening

- **Supplier Submits Samples for Agency Screening Tests**
 - **Limited Key Tests for Technology Area**
- **Agency Technical Reps Perform Screening Tests**
- **Agency SMEs Review Screening Results and Determines Continued Agency Interest**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Did Not Meet Key Performance Criteria**
 - **Continued Agency Interest, Proceed to Lab Characterization**

Phase III: Step 3 Lab Characterization

- **Supplier Submits Samples for Agency Lab Tests**
 - **All Performance Tests for Technology Area**
- **Supplier Submits additional Data on PIF**
- **Agency Technical Reps Perform Lab Evaluation Tests**
 - **In-house, via contractor lab or through another Agency**
- **Agency SMEs Review Lab Characterization Results and Determine Continued Agency Interest**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Didn't Meet Agency Performance Criteria**
 - **Continued Agency Interest, Proceed to Dem/Val**

Phase III: Step 4 Product Dem/Val

- **Supplier Submits Samples for Agency Dem/Val Tests**
 - **Product Demonstration on Operational Equipment**
- **Agency Technical Reps Perform Dem/Val Testing**
- **Agency SMEs Review Dem/Val Results and Determine Continued Agency Interest for Implementation**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Didn't Meet Operational Requirements**
 - **Continued Agency Interest, Proceed to Product Authorization & Implementation**

Phase III: Step 5 Product Implementation

- **Agency Determines Method for Specifying Product**
 - **MIL/Fed Spec, CID, PD, NGS, etc.**
- **Product/Technology Authorization**
 - **Authorization documentation (Engineering Design Change, Approval Letter, Technical Directive/Order,**
 - **Specific Application/Areas Authorized for Product Use**
- **Supply/Logistics for Product Determined**
 - **NSN's, Order Quantity, etc.**
- **Where will the new Product/technology be used/implemented?**
 - **Aerospace, Ground Vehicle, Facilities, Ships, etc.**

The background of the slide is a stylized, low-resolution representation of the United States flag. It features a blue field with white stars on the left and red and white wavy stripes on the right. The text is centered over the blue field.

**When it comes to my product,
what is the Difference between
Qualified and Authorized?**

Qualified versus Authorized

- **Generally, Qualification and Authorization are Two Different Processes**
- **Qualification is Legally binding on both Government & Industry and may only be a first step**
- **All products have to be authorized for use**
- **Authorization must be obtained on a specific basis if not previously granted**
- **Implementation path can vary widely based on the criticality, the associated risk factors and the Service/Agency specific requirements**

Qualification

- Meets Minimum Specified Requirements (QPL/QPD)
- Acceptable for where specification is approved for use in Tech Orders, Manuals, Drawings, etc.
- Does not insure/promise procurement (i.e., Must follow standard GSA, DLA, etc. procurement processes)
- Qualification does not automatically mean Product Authorization

Authorization

- Approves Product's use for a specific application
- Used for new products or different applications of existing products
- Steps to Authorization
 - ✓ Lab testing
 - ✓ Field prototype
 - ✓ Verification/Validation
 - ✓ Data analysis and use envelope definition
- Authorization letter, Local Process Spec, Tech Order or Manual, etc. Issued

Important Note:

***This Web Based Process in Itself
Does Not Qualify Your Product,
Nor Does It Guarantee
Procurement of Your Product,
by the Department of Defense***

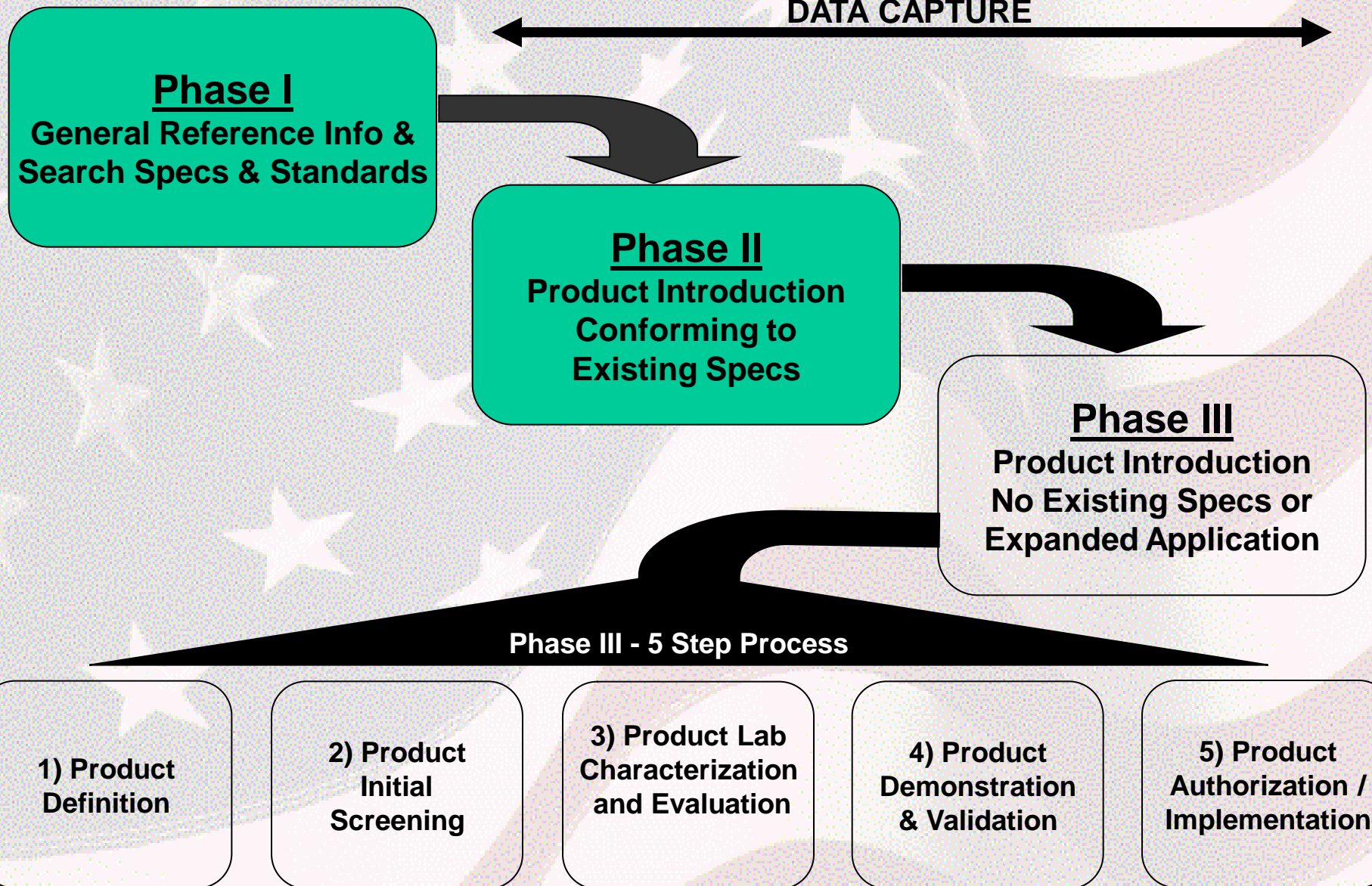
The background of the slide is a stylized, wavy American flag. The blue field with white stars is on the left, and the red and white stripes are on the right. The flag appears to be waving, with the stripes curving upwards and downwards.

QUESTIONS??

The background of the slide is a stylized American flag. The top-left portion features a blue field with white stars, while the rest of the slide is filled with red and white wavy stripes that suggest the flag is waving.

Phase II Backup Slides

Product Introduction Process Flow Diagram



Phase II Production Introduction Process

The screenshot shows the CorrDefense website in a Windows Internet Explorer browser window. The address bar shows 'belkin 670W'. The website has a purple header with the CorrDefense logo and a navigation menu with links: Home, Members, Reference Library, Societies & Associations, Other Corrosion Websites, WIPTs & Working Groups, and Search.

On the left side, there are three links with descriptions:

- DLA: Doing Business with the Defense Logistics Agency-** DLA provides supplies and services to DoD as well as training for small businesses.
- DoD: Doing Business with the Department of Defense-** DefenseLink offers a list of references to assist vendors to do business with the US Department of Defense.
- GSA: How to Sell to the Government-** US General Services Administration (GSA) is the federal government's business manager, buyer, real estate developer, telecommunications manager, and IT solutions provider.

In the center, there is a section titled **Specs & Standards Search Tool** with the text: "Search/review Corrosion Prevention and Control (CPC) Specifications and Standards used by the DoD."

On the right, there is a section titled **Frequently Asked Questions** and a sub-section titled **Training Videos** with a table:

Name
Specs and Standards Search Demo
Product Introduction Process

Below these sections is the **Product Introduction Process** section. It contains two paragraphs of text and a note.

This DoD web-based Product Introduction Process (PIP) is designed to assist suppliers in matching their product(s) to specifications and standards currently used by the DoD for corrosion prevention and control (CPC) and to facilitate the introduction of these CPC products to DoD agencies. Once you have identified the applicable specification(s) that matches your product, the appropriate steps to proceed forward for that type of specification will be provided (Qualified Products List, Non-Government Standards, Purchase Description, etc.). For example, for specifications with formal qualification, you will need to submit a formal request for testing to the appropriate cognizant Agency Point of Contact.

Registration to CorrDefense is required to access this feature of the site which includes: saving of specification searches for later use and submitting information to the DoD for consideration or potential use of products. Information submitted in the Product Information Form (PIF) is considered proprietary and is only available to the submitter and DoD personnel. This website employs government security standards (.gov) to protect data and prevent the unauthorized download or changing of information.

NOTE: This Product Introduction Process is not designed as a marketing tool. The web based process does not qualify your product to any specification or standard nor does it guarantee procurement of your product by any DoD agency.

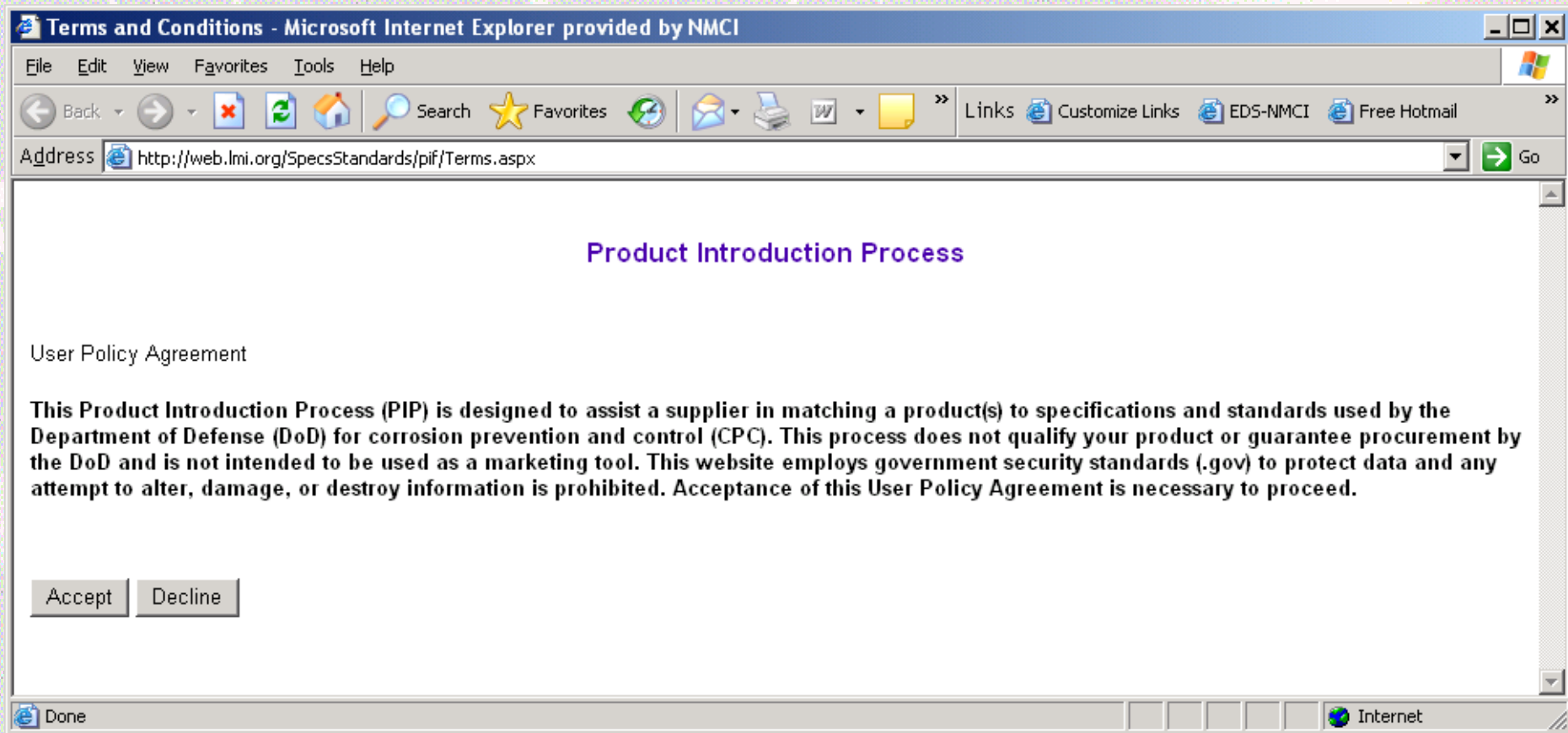
At the bottom of the page, there is a link titled **Access Product Information Form(s)** which is circled in red. A red arrow points from this link to the text below it.

* Users with pop-up blockers enabled should hold the Ctrl key while clicking on the Product Information Access button until a second window or tab opens with the Product Information Forum.

The browser status bar at the bottom shows "Done", "Internet | Protected Mode: On", and "100%".

Product Introduction Entry Point

Product Introduction Process Disclaimer



The user must accept the User Policy Agreement during each session until a single PIF status is marked COMPLETED in order to utilize the Product Introduction Tool.

Product Introduction MyPIF Screen

My PIFs Messaging Current PIF Admin

My PIFs

Create New PIF

Status View

Edit	PIF#	PIF Status	Product ID	Product/Application Name	Last Modified	Delete
No records to display.						

Link to Create a new PIF

Create New PIF

Status has changed since last login Additional information requested No Agency Interest in the product/technology

Phase II Flow Overview

Start PIF - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Word Links Customize Links

Address <http://web.lmi.org/SpecsStandards/PIF/startpif.aspx?pifid=424> Go

Performance Characteristics and Product Information

* = Required

Version Number: 2377.0

*** Product ID:**

*** Product Name:**

*** Complete Product Description:**

Done Internet



Phase II Flow Overview

Find Standard - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Links Customize Links EDS-NMCI Free Hotmail

Address <http://web.lmi.org/SpecsStandards/pif/search.aspx?edit=&pifid=424> Go

Identify Categories/Subcategories

Identify the category/subcategory that most closely covers your technology/product. To select/deselect multiple entries hold control and click.

Select Category	Select Sub Category
Surface Treatments Finish	CPC Inhibitors --- Corrosion Inhibitors
Inorganic Coatings	CPC Inhibitors --- Corrosion Preventive Compounds
Primers	CPC Inhibitors --- Packaging/Miscellaneous
Miscellaneous Processes	
Grease and Lubricants	
Adhesives	
Cleaners Solvents Strippers	
TopCoats & Coating Systems	
Miscellaneous Products	
CPC Inhibitors	
Sealants	

[Show Select Category Definitions](#) [Show Select Sub Category Definitions](#)

[Hide Category and Sub-Category Listing](#)

Internet



Phase II Flow Overview

Find Standard - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail W Yellow Links Customize Links EDS-NMCI Free Hotmail

Address <http://web.lmi.org/SpecsStandards/pif/search.aspx?edit=8pifid=424> Go

Select Applicable Specification(s) or Standard(s)

Review the specifications within this category or subcategory and select for the specifications that best match your product characteristics.

	Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
Add	MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More
Add	MIL-P-24138	PASSIVATOR COMPOUND, NAVY BOILER	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More
Add	MIL-PRF-16173	CORROSION PREVENTIVE COMPOUND, SOLVENT CUTBACK, COLD-APPLICATION	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More

1 2

Review selected Specification(s) or Standard(s)

Review the selected Specification(s)/Standard(s) and remove those that are not applicable.

	Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
Remove	MIL-PRF-81309	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
Remove	MIL-DTL-85054	CORROSION PREVENTIVE COMPOUND, CLEAR (AMLGUARD)	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
Remove	MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Reset Form Save & Quit Save & Next Quit PIF

Internet



Phase II Flow Overview

PIF Path Forward - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Word PDF Links Customize Links EDS-NMCI Free Hotmail Homeport

Address <http://web.lmi.org/SpecsStandards/pif/PathForward.aspx?pifid=424> Go

Complete Product Description This product provides a temporary corrosion protection. The product can be applied by spraying, brushing, or dipping.

[Click Here](#) for a listing of Preparing Activity Definitions.

Military/Federal - 1st Article Inspection

[Click Here](#) For Path Forward

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-DTL-85054	CORROSION PREVENTIVE COMPOUND, CLEAR (AMLGUARD)	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
MIL-L-87177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Military/Federal - Qualified Products List (QPL)

[Click Here](#) For Path Forward

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-PRF-81309	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More

If your product meets all of the requirements as noted in section 3 of the applicable specification(s)/standard(s) then select the applicable Path Forward for more information on introducing your product into DoD by that specification.

Done Internet

Your My PIF Homepage



CorrDefense

[My PIFs](#) [Messaging](#) [Current PIF](#) [Admin](#)

My PIFs

Create New PIF

Status View

Edit	PIF#	PIF Status	Product ID	Product/Application Name	Last Modified	Delete
	106.1	101: Admin POC Review	1385	Copperseal	03/10/2010 10:27	✕
	107.0	103: Agency POC's Review	1250	NAVDEC 1250	03/10/2010 10:17	✕

Create New PIF

Status has changed since last login Additional information requested No Agency Interest in the product/technology

Completed PIF Example

Version Number: 1556.6
Product ID: 123 CPC
Product Name: Corrosion Preventive Compound
Complete Product Description: Corrosion Preventive Compound for general use

Technical Point of Contact

Name: Robert Harmon
Email: robert.a.harmon@us.army.mil
Phone: 256-975-5061
Company Name: Department of the Army
Address: DEPARTMENT OF THE ARMY US ARMY RESEARCH, DEVELOPMENT, AND ENGINEERING COMMAND AVIATION AND MISSILE RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER
City: REDSTONE ARSENAL
State: AL
Zip Code: 35898-5000
Country: US

[Click Here for a listing of Preparing Activity Definitions.](#)

Military/Federal - 1st Article Inspection

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-C-82504	CORROSION PREVENTIVE COMPOUND AND SURFACE SEALER FOR NONFERROUS METALS	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA-Ord	More
MIL-L-57177	LUBRICANTS, CORROSION PREVENTIVE COMPOUND, WATER DISPLACING, SYNTHETIC	CPC Inhibitors - Corrosion Preventive Compounds	Ogden Air Logistics Center	More

Military/Federal - Qualified Products List (QPL)

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
MIL-PRF-81300	CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM	CPC Inhibitors - Corrosion Preventive Compounds	NAVAIR	More
MIL-PRF-16173	CORROSION PREVENTIVE COMPOUND, SOLVENT OUTBACK, COLD APPLICATION	CPC Inhibitors - Corrosion Preventive Compounds	NAVSEA	More

Military/Federal - Commercial Item Description (CID)

[Click Here For Path Forward](#)

Document ID	Document Title	Category - Sub Category	Preparing Activity	More Info
A-A-50295	CORROSION PREVENTIVE COMPOUNDS, COLD APPLICATION (FOR NEW AND FIELDED MOTOR VEHICLES AND TRAILERS)	CPC Inhibitors - Corrosion Preventive Compounds	TACOM	More

[Close](#) [Print](#)

MIL/FED-Spec/Std Qualified Products List (QPL) Path Forward

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I. The following information is provided to facilitate the introduction of your product.

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[DSP Overview Brief](#)

B. To review the documents that outline the DSP, and the program and provisions for the qualification process, please click the following links:

[DoD 4130.24-M](#)

http://www.dsp.dla.mil/APP_OIL/content/documents/4130.24-M/default.htm

Enter Document ID "SD-20" in the [ASSIST Quick Search](#)

<http://assist.dsp.dla.mil/quicksearch>

Enter Document ID "SD-6" in the [ASSIST Quick Search](#)

<http://assist.dsp.dla.mil/quicksearch>

C. For a specific description of the QPL process, please click the following link.

[QPL Process Brief](#)

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A. Once you have reviewed the information about qualification and determined the specific Specification, Type, Class, etc. that applies to your product, contact the designated qualifying activity.

B. The qualifying activity name and contact information for this standard or specification can be found in Section 5.X of the document.

C. Follow the qualification process as outlined in IC until all steps have been completed.

D. For information on selling products to the government for legacy procurements under an inactive document, please use the information provided below in Section III.

NOTE: Specifications/Standards that are in inactive status cannot be used for new acquisitions.

E. If the specification you have been directed to has been canceled, you should go to the document file in ASSIST and review the cancellation notice. This notice may provide information such as the most current documents that have replaced this specification (if applicable).

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A. For instructions on selling products to the government, please click the following links.

[DLA](#)

<http://www.dla.dla.mil/33Business/Course.htm>

[GSA](#)

http://www.gsa.gov/Portal/portal/content?view=doContent&type=GSA_BASIC&contentid=13459&noc=T

B. For information on the DOD acquisition process, please click the following link.

[ACQWEB](#)

<http://www.acqod.mil>

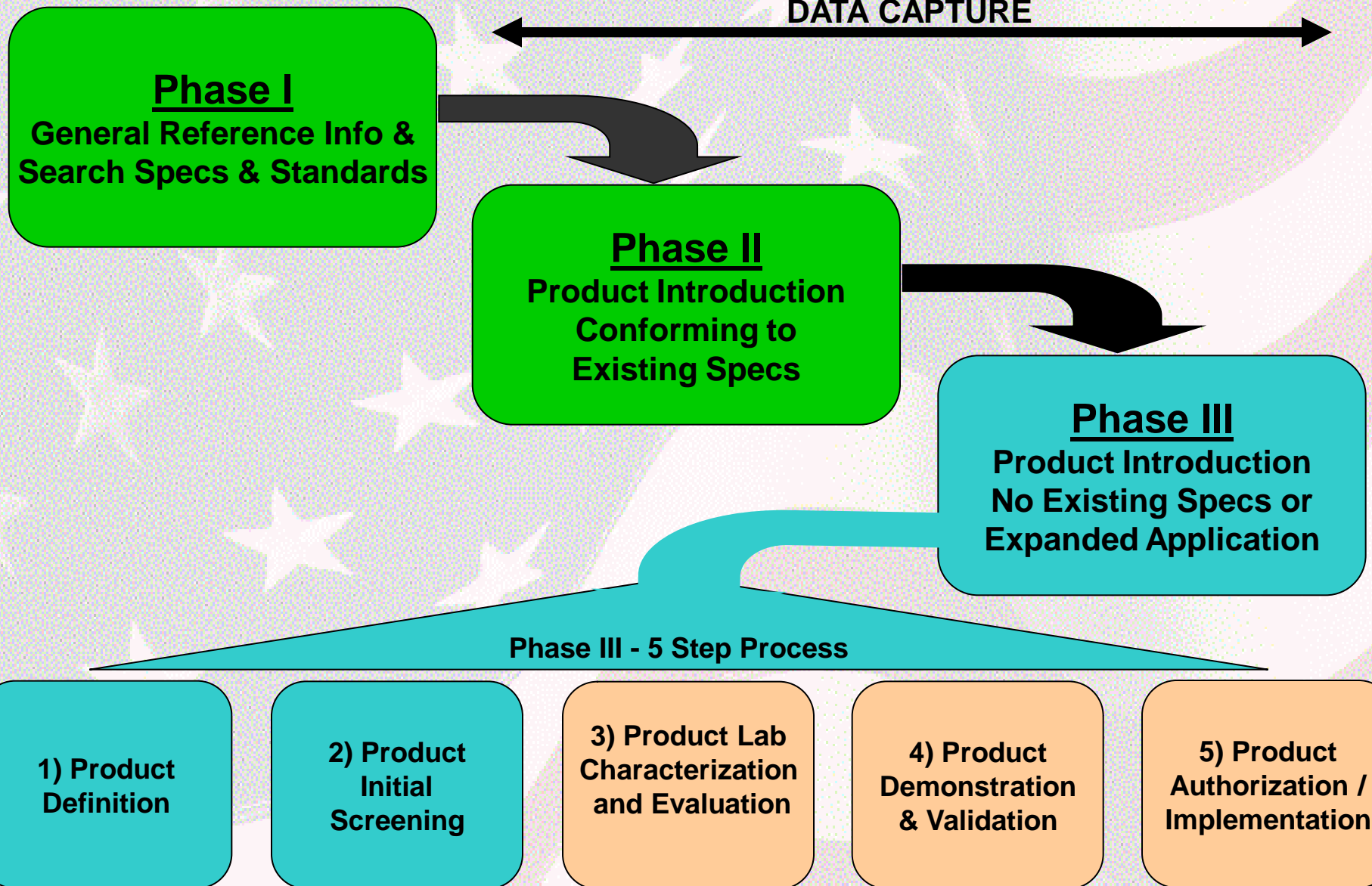
C. For an explanation of the difference between qualification and authorization/implementation, please click the following link.

[Authorization Brief \(Qualified Products List\)](#)

The background of the slide is a stylized American flag. The top-left portion features a blue field with white stars, while the rest of the slide is filled with wavy, horizontal stripes in red and white. The text is centered over the blue field.


Phase III Backup Slides

Product Introduction Process Flow Diagram



Product Introduction Process

Phase III Step 1 Product Definition



My PIFs Messaging Current PIF Admin

New Product or New Application of an Existing Specification

PIF#: **2002.0** Status: **Pending**

1. Company Information *

Company Name:	Address:	Zip:
<input type="text"/>	<input type="text"/>	<input type="text"/>

Supplier Point of Contact Information *

Company POC Name:	Address:	Zip:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone #:	E-mail: <input type="text"/>	
<input type="text"/>	<input type="text" value="jglace@lmi.org"/>	

2. Product/Technology Specifications and Information *

Product ID/Part Number:	Product Name:
<input type="text"/>	<input type="text"/>

Product Description:

Does the product have a National Stock Number?:
☒ No ☐ Yes - Provide Number:

Supplier Provides Additional Product information

Each area of Product information needs to be filled out (enter data/text, attach document or check spelling)

What is/are the intended application(s) of the product?

Enter Text/Data

Describe the benefits of this technology over existing technologies and processes

Select Radio button

3. Product/Technology Level of Maturity *

- ☒ In Production - Time on Market (Years/Months):
- ☐ In Development - Which of the following best describes the development level of your product/technology?
- ☐ The product/technology has been validated in a laboratory environment
 - ☐ A product/technology prototype has been demonstrated in an operational environment
 - ☐ The product/technology has been validated/implemented in a relevant operational environment

Provide any additional product maturity information and product quantity availability:

Spell Check for data field

Initial mandatory information to be evaluated

4. Product/Technology Test Information *

Provide Manufacturer's test results for the product:

Has any third party testing been performed by a government or agency certified laboratory?

☒ No ☐ Yes - provide results:

5. Product/Technology Sample Information *

Are product samples available for screening or analysis?

☒ No ☐ Yes

If No, when will samples be available? If Yes, in what quantities and packaging are samples available?

6. Product/Technology Cost Drivers *

Describe any additional cost drivers (e.g., equipment, process changes) required for the use of the product:

7. Environmental Safety Information *

Are Material Safety Data Sheets (MSDS) available for the product?

☒ No ☐ Yes

Have any Toxicity Studies been performed on the product?

☒ No ☐ Yes

Provide any additional environmental safety information:

Relevant Federal, State, or Local laws, etc. (ex: National Emission Standards for Hazardous Air Pollutants).

Details (if no information available, enter "none").

Step 3 Info

When all information is entered, hit submit at the bottom of the form.

8. What are the Maintainability/Handling requirements for the use of this technology?

Details (if no information available, enter "none").

Add Attachments

9. Pricing Information for this product (if available)

Details:

Add Attachments

10. Describe current Market Applications and Users of this Product

Details (if no information available, enter "none").

Add Attachments

11. Additional References to facilitate product evaluation

Add Attachments

Certification and Signature *

I certify that to the best of my knowledge and belief all of the information on this form is correct. Additionally, any data, test reports or supporting documentation that I submit along with this form are true, accurate and complete.

Please type your name in the box provided to signify agreement with the above statement:

Type Name Here

Submit for Review

Spell Check All Form Sections

Save

Save & Quit

Step 3 Info

Certify Information on form

Submit form for evaluation

Spell Check entire document

Phase III: Step 1 Product Definition

- **Supplier Submits Additional Product Information**
- **Updated PIF Sent out to Agency Subject Matter Experts (SMEs) for Particular Technology Area**
- **SME's Review PIF and Make Initial Determination of Interest/Requirement for New Product/Technology**
- **Supplier Notified of Agency Determinations:**
 - **More information is needed to make initial assessment**
 - **Product/Technology is covered by an existing spec**
 - **There isn't a requirement for the particular product/technology**
 - **There is agency interest in proceeding to Product Screening**

Sample Email & Message Request

This message was converted to plain text.

From: donotreply@corrdefense.org
To: Smith, Joan R AMRDEC
Cc:
Subject: Additional Information Required

Sent: Wed 3/10/2010 11:13 AM

Dear Joan Smith,

A new message is waiting for you!

Subject: Additional Information Required.

To read the full message, click on the [New Messages] button at the bottom of your My PIFs page in CorrDefense. <<http://cdinternet.lmi.org/default.aspx>>



CorrDefense

My PIFs Messaging Current PIF Admin

View Message

From:	Stephen Spadafora	Date:	3/10/2010 12:12:00 PM
To:	Joan Smith		
PIF Info:	PIF #105.0 - CorrRinse		
Subject:	Product Sample Request Instructions		
Attachments:	No Attachments		
Message:	<p>Submission instructions (along with any attachments to this message):</p> <p>Sample Requirements: 6 Qt samples.</p> <p>Send Sample To: HAZMART 123 Fourth St. Kennedy Space Center Titusville, FL, 11111.</p>		

Phase III: Step 2 Product Screening

- **Supplier Submits Samples for Agency Screening Tests**
 - **Limited Key Tests for Technology Area**
- **Agency Technical Reps Perform Screening Tests**
- **Agency SMEs Review Screening Results and Determines Continued Agency Interest**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Did Not Meet Key Performance Criteria**
 - **Continued Agency Interest, Proceed to Lab Characterization**

SSQP PHASE III Flow Diagram

Phase III
Product Introduction
No Existing Specs or
Expanded Application

Phase III - 5 Step Process

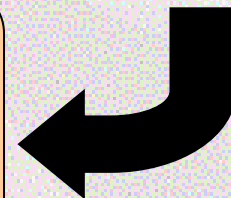
**1) Product
Definition**



**2) Product
Initial
Screening**



**3) Product Lab
Characterization
and Evaluation**



**4) Product
Demonstration
& Validation**



**5) Product
Authorization /
Implementation**

Phase III: Step 3 Lab Characterization

- **Supplier Submits Samples for Agency Lab Tests**
 - **All Performance Tests for Technology Area**
- **Supplier Submits additional Data on PIF**
- **Agency Technical Reps Perform Lab Evaluation Tests**
 - **In-house, via contractor lab or through another Agency**
- **Agency SMEs Review Lab Characterization Results and Determine Continued Agency Interest**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Didn't Meet Agency Performance Criteria**
 - **Continued Agency Interest, Proceed to Dem/Val**

Add'l Data Request Example



CorrDefense

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View Message

From: Stephen Spadafora

Date: 3/10/2010 12:13:00 PM

To: Joan Smith

PIF Info: PIF #105.0 - CorrRinse

Subject: Additional Information Required

Attachments: No Attachments

Message: Additional information is needed on the Product Information Form (PIF):

Section 7: Relevant Federal, State, or Local laws, etc. (ex: National Emission Standards for Hazardous Air Pollutants)

Section 8: What are the Maintainability/Handling requirements for the use of this technology?

Section 9: Pricing Information for this product (if available)

Section 10: Describe current Market Applications and Users of this Product

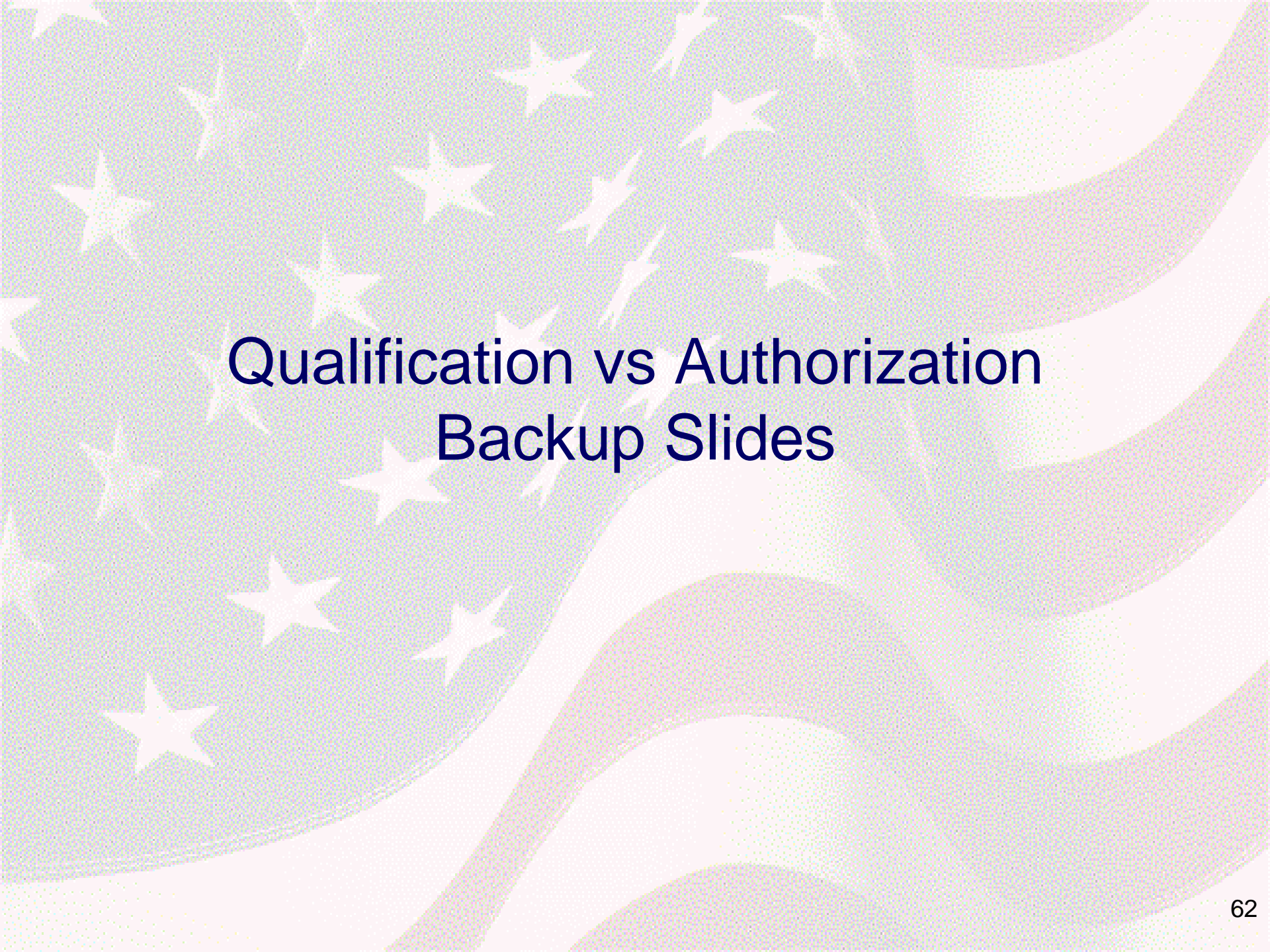
Section 11: Additional References to facilitate product evaluation

Phase III: Step 4 Product Dem/Val

- **Supplier Submits Samples for Agency Dem/Val Tests**
 - **Product Demonstration on Operational Equipment**
- **Agency Technical Reps Perform Dem/Val Testing**
- **Agency SMEs Review Dem/Val Results and Determine Continued Agency Interest for Implementation**
- **Supplier Notified of Agency Determinations:**
 - **Product/Technology Didn't Meet Operational Requirements**
 - **Continued Agency Interest, Proceed to Product Authorization & Implementation**

Phase III: Step 5 Product Implementation

- **Agency Determines Method for Specifying Product**
 - **MIL/Fed Spec, CID, PD, NGS, etc.**
- **Product/Technology Authorization**
 - **Authorization documentation (Engineering Design Change, Approval Letter, Technical Directive/Order,**
 - **Specific Application/Areas Authorized for Product Use**
- **Supply/Logistics for Product Determined**
 - **NSN's, Order Quantity, etc.**
- **Where will the new Product/technology be used/implemented?**
 - **Aerospace, Ground Vehicle, Facilities, Ships, etc.**

The background of the slide is a stylized American flag. The top-left portion features a blue field with white stars, while the rest of the slide is filled with red and white wavy stripes that suggest the flag is waving.

Qualification vs Authorization Backup Slides

The background of the slide is a stylized, low-resolution representation of the United States flag. It features a blue field with white stars on the left and red and white wavy stripes on the right. The text is centered over the blue field.

**When it comes to my product,
what is the Difference between
Qualified and Authorized?**

Qualified versus Authorized

- **Generally, Qualification and Authorization are Two Different Processes**
- **Qualification is Legally binding on both Government & Industry and may only be a first step**
- **All products have to be authorized for use**
- **Authorization must be obtained on a specific basis if not previously granted**
- **Implementation path can vary widely based on the criticality, the associated risk factors and the Service/Agency specific requirements**

Qualification

- Meets Minimum Specified Requirements (QPL/QPD)
- Acceptable for where specification is approved for use in Tech Orders, Manuals, Drawings, etc.
- Does not insure/promise procurement (i.e., Must follow standard GSA, DLA, etc. procurement processes)
- Qualification does not automatically mean Product Authorization

Authorization

- Approves Product's use for a specific application
- Used for new products or different applications of existing products
- Steps to Authorization
 - ✓ Lab testing
 - ✓ Field prototype
 - ✓ Verification/Validation
 - ✓ Data analysis and use envelope definition
- Authorization letter, Local Process Spec, Tech Order or Manual, etc. Issued

DEPARTMENT OF THE GOVERNMENT
OFFICE OF DOD EQUIPMENT
PAPERWORK HEADQUARTERS
ANYTOWN, USA 12345

4123
Ser 4.9.x.x/YYY
dd/month/yyyy

From: Senior Official, Government
To: Distribution

Subj: Government Implementation Plan for Stuff, Type III Conforming to MIL-STD-XXXX

Ref:(a) Government Implementation Plan for Your Product

(b) Engineering Laboratory Report, "Performance Evaluation of Stuff,"
LR04_00Z

(c) Engineering Laboratory Report, "Field Testing and Validation of Stuff,"
LR0Y_00X

(d) Additional Reference Materials

1. Reference (a) authorized the use of Stuff qualified to Federal Standard FED-STD-YYYY, for government applications.
2. References (b) and (c) contain the results of laboratory and field testing by the applicable federal and military agencies.
3. Based on this data, the government extends the authorization in reference (a) to the use and applications described above.
4. The points of contact for this issue are Mr. Middle Manager, Department of Paperwork.

Sample Authorization Letter

Applicable Testing
and Usage
References

Restrictions
Governing
Implementation and
Use

Generic Authorization/Implementation Requirements

- Implementation Path (generic example for Aerospace products)
 - Lab validation of product, process and performance
 - Field validation of product, process and performance
 - In a relevant operational environment
 - Implementation
 - Applicable Engineering Authority Sign-off
 - Ex: Materials, Structures, Subsystems, Systems, Aeromechanics, Depot
 - Program: Engineering/Logistics/Original Equipment Manufacturer
 - Create or Revise specs and other documentation (Local drawings/Tech orders/MIL/AMS/ . . .)
 - Revise Relevant Control Manuals
 - Supply, NSN, Order Quantities, etc.

General Implementation Requirements (cont'd)

(Criticality of Application)

- **Non-Critical Application Test Criteria**
 - Lab validation per Spec and/or other agency-specific screening tests
 - Field validation: In-service on planned implementation platforms in representative operational conditions, multiple dem/val sites- same or better performance compared to controls
- **Critical Application Test Criteria (Safety of Flight)**
 - Lab Validation per Spec and/or other agency-specific screening tests
 - Lab Validation of critical application specific performance (Ex: Structural Fatigue, etc.)
 - Flight clearance depending on component/risk
 - Field Testing: Will be more stringent validation path than for non-critical applications: longer road, more expensive, more sensitive, more extensive